

Work Order ID 141235

Tuesday, February 02, 2016 11:40:28 AM

141235

Page 2

Item ID: D412-791-047

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Pitot Heat Monitoring

Stop ***NS2***

Start Date: 2/2/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 2/9/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130						DAS			
Packaging	Memo	0.00				28		FEB 22 2016	
Packaging	Identify and pack for shipping as per PPP D412-791-047					9-89			
	Location: fg 013								
	PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MCS FEB 22 2016

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Work Order ID: 141235

141235

Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring

Start Date: 2/2/2016

Required Date: 2/9/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: New issue DD verified by:EC
11.09.12 @ chg 002 DD verf:EC

IPP REV:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
18-200		Purchased	No			110	Each	3.0000	1	1		DAS 6 9-89	
18-200													
Quick Connector, Plug													

DAS
28
9-89

Location	Loc Qty	Loc Code
ST561	3	
ST5 120527	3	

1N4007 1N4007

1N4007

DIODE

DAS
28
9-89

Purchased No

110 Each

2.0000

6

6

**

4/28/16 128443

DAS
27
9-89
DAS
6
9-89

Location	Loc Qty	Loc Code
CA	2	
m129632	2	

80-004-2-6

80-004-2-6

Insert

DAS
28
9-89

Purchased No

110 Each

1,264.000

3

3

**

DAS
6
9-89
DAS
27
9-89

Location	Loc Qty	Loc Code
ST563	1264	
124720	1264	

D3896-1

D3896-1

Relay

DAS
28
9-89

Manufactured No

110 Each

0.0000

2

2

**

14/2/16

FEB 03 2016

DAS
6
9-89
DAS
27
9-89

FEB 05 2016

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Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring

Start Date: 2/2/2016

Required Date: 2/9/2016

Start Qty: 1.00

Required Qty: 1.00

D3897-1

Manufactured No

110

Each

2.0000

1

1

D3897-1

Angle

DAS
28
9-89

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST056

2

127649

2

LED-50-17-BG-E0705

Purchased

No

110

Each

0.0000

1

1

LED-50-17-BG-E0705

Annunciator

DAS
28
9-89

**

134265

DAS
27
9-89

M12883/45-01

Purchased

No

110

Each

0.0000

1

1

M12883/45-01

Relay Base

DAS
28
9-89

**

m 134170

DAS
6
27
9-89

M81714/16-3

Purchased

No

110

Each

1.0000

1

1

M81714/16-3

Terminal Blocks track

DAS
28
9-89

**

FEB 05 2016

DAS
6
27
9-89

Location

Loc Qty

Loc Code

ST557

1

m133074

1

M81714/2-DC1

Purchased

No

110

Each

1.0000

2

2

M81714/2-DC1

Terminal Blocks

DAS
28
9-89

**

134170x1

DAS
6
27
9-89

Location

Loc Qty

Loc Code

ST557

1

m128121

1

M81714/2-DD2

Purchased

No

100

Each

2.0000

1

1

M81714/2-DD2

Terminal Blocks

DAS
28
9-89

**

FEB 03 2016

DAS
6
27
9-89

Location

Loc Qty

Loc Code

ST557

2

m133074

2

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Work Order ID: 141235

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Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring

Start Date: 2/2/2016

Required Date: 2/9/2016

Start Qty: 1.00

Required Qty: 1.00

M83536/2-024

Purchased

No

110

Each

0.0000

1

1

M83536/2-024

Relay

MS21042L06

Purchased

No

110

Each

161.0000

2

2

MS21042L06

Nut

DAS
28
9-89

Location

Loc Qty

Loc Code

ST303

161

m133363

11

m133932

50

m134063

100

MS21042L08

Purchased

No

110

Each

2,058.000

4

4

MS21042L08

Nut

Location

Loc Qty

Loc Code

CA

101

m129682

101

GA

3

m133134

3

OVER007

1000

m134063

1000

ST303

954

m133922

954

DAS
28
9-89

DAS
6
27
9-89

DAS
6
27
9-89

DAS
6
9-89

FEB 03 2016

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Work Order ID: 141235

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Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring

Start Date: 2/2/2016

Required Date: 2/9/2016

Start Qty: 1.00

Required Qty: 1.00

MS24524-23

Purchased

No

110

Each

9.0000

1

1

MS24524-23

**

Switch

LocationLoc QtyLoc Code

CA

3

m129747

3

CCK007

4

m126826

4

ST289

2

m126338

2

MS24524-31

Purchased

No

110

Each

1.0000

1

1

MS24524-31

**

Switch, DPDT

LocationLoc QtyLoc Code

ST289

1

m126826

1

MS24693-S26

Purchased

No

110

Each

100.0000

2

2

MS24693-S26

**

Screw

LocationLoc QtyLoc Code

ST286

100

m133523

100

MS25036-102

Purchased

No

110

Each

44.0000

15

15

MS25036-102

**

Terminal Lug

LocationLoc QtyLoc Code

ST282

44

116143

44

FEB 03 2016

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Work Order ID: 141235

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Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring

Start Date: 2/2/2016

Required Date: 2/9/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-14

Purchased

No

110

Each

49.0000

4

4

MS27039-08-14

Screw

**

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST278

49

m126474

49

MS35207-260

Purchased

No

110

Each

70.0000

3

3

MS35207-260

Screw

**

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST271

70

112719

70

NAS1149D0363J

Purchased

No

110

Each

1,830.000

3

3

NAS1149D0363J

Washer

**

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

84

m130799

84

ST260a

1000

m134055

1000

ST263

746

m133790

246

m133932

500

NAS1149DN632J

Purchased

No

110

Each

155.0000

2

2

NAS1149DN632J

Washer

**

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST265

155

m133860

155

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Work Order ID: 141235

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Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring

Start Date: 2/2/2016

Required Date: 2/9/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149DN832J

Purchased

No

110

Each

769.0000

8

8

NAS1149DN832.J

Washer

DAS
6 27
9-89 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

84

M129499

84

ST270

685

283

M131697

685

HW210

Purchased

No

110

Each

11.0000

1

1

HW210

Resistor, 1K Ohms

DAS
6 27
9-89 9-89

Location

Loc Qty

Loc Code

ST554

11

562 113331
114971

2

9

DAS
28
9-89

FEB 03 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER :							
Misidentified ☐	☐ Past Due								

Work Order ID 141235

141235

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Item ID: D412-791-047 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Pitot Heat Monitoring
 Start Date: 2/2/2016 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 2/9/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: ML5 Date: FEB 02 2016 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
 Run Start ***NR1***
 Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
100	Document Control	0.00							
100									
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D412-791-047 CHG 002								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

ML5 FEB 03 2016

7.0 PARTS LIST

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
X						D412-791-011	SAFETY ENHANCEMENT KITS COMPLETE
1	X					D412-791-041	FLASHLIGHT KIT
1		X				D412-791-043	MAPBOX KIT
1			X			D412-791-045	EXIT ILLUMINATION KIT
1				X		D412-791-047	PITOT HEAT MONITORING KIT
1					X	D412-791-049	STANDBY ATTITUDE BATTERY MONITORING KIT
	2					D3921-1	FLASHLIGHT
	4					D3922-1	CLIP
	2					D3923-1	ANGLE
	4					D3924-1	SHIM
	8					MS20426AD3-6	RIVETS
	6					MS20470AD4-5	RIVET
	4					MS21059-L3	ANCHOR NUT
	4					MS35207-264	SCREW
		1				D3936-041	MAPBOX
		4				MS35207-244	SCREW
			16			D3937-041	PHOTOLUMINESCENT STRIPS
			90			D3950-1	RIVET (INCLUDES 10 EXTRA)
				1		18-200	CONNECTOR
				6		1N4007	DIODE
				3		80-004-2-6	POTTED INSERTS
				2		D3896-1	RELAY
				1		D3897-1	ANGLE
				1		LED-50-17-BG-E0705	ANNUNCIATOR
				1		M12883/45-01	RELAY BASE
				1		M81714/16-3	TERMINAL BLOCKS TRACK
				2		M81714/2-DC1	TERMINAL BLOCKS
				1		M81714/2-DD2	TERMINAL BLOCKS

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Revision: D

Date: 13.02.01

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				4		MS21042L08	NUT
				1		MS24524-23	SWITCH, DPDT
				1		MS24524-31	SWITCH, DPDT
				2		MS24693S26	SCREW
				15		MS25036-102	TERMINAL LUGS, #6
				4		MS27039-0814	SCREW
				3		MS35207-260	SCREW
				3		NAS1149D0363J	WASHER
				2		NAS1149DN632J	WASHER
				8		NAS1149DN832J	WASHER
				1		HW210	RESISTOR, 1K OHMS
					1	18-200	CONNECTOR
					5	1N4007	DIODE
					3	80-004-2-6	POTTED INSERTS
					1	D3897-1	ANGLE
					1	D3838-1	DECAL
					1	LED-50-17-HK-E0700	ANNUNCIATOR (STBY BATT)
					1	M12883/45-01	RELAY BASE
					1	M81714/16-3	TERMINAL BLOCKS TRACK
					2	M81714/2-DC1	TERMINAL BLOCKS
					1	M81714/2-DD2	TERMINAL BLOCKS
					1	M83536/2-024	RELAY
					2	MS21042L06	NUT
					2	MS24693S26	SCREW
					3	MS35207-260	SCREW
					3	NAS1149D0363J	WASHER
					2	NAS1149DN632J	WASHER
					1	HW210	RESISTOR, 1K OHMS

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Revision: D

Date: 13.02.01